



# Weather Briefing

## April 13-14, 2014



**National Weather Service**  
**Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)

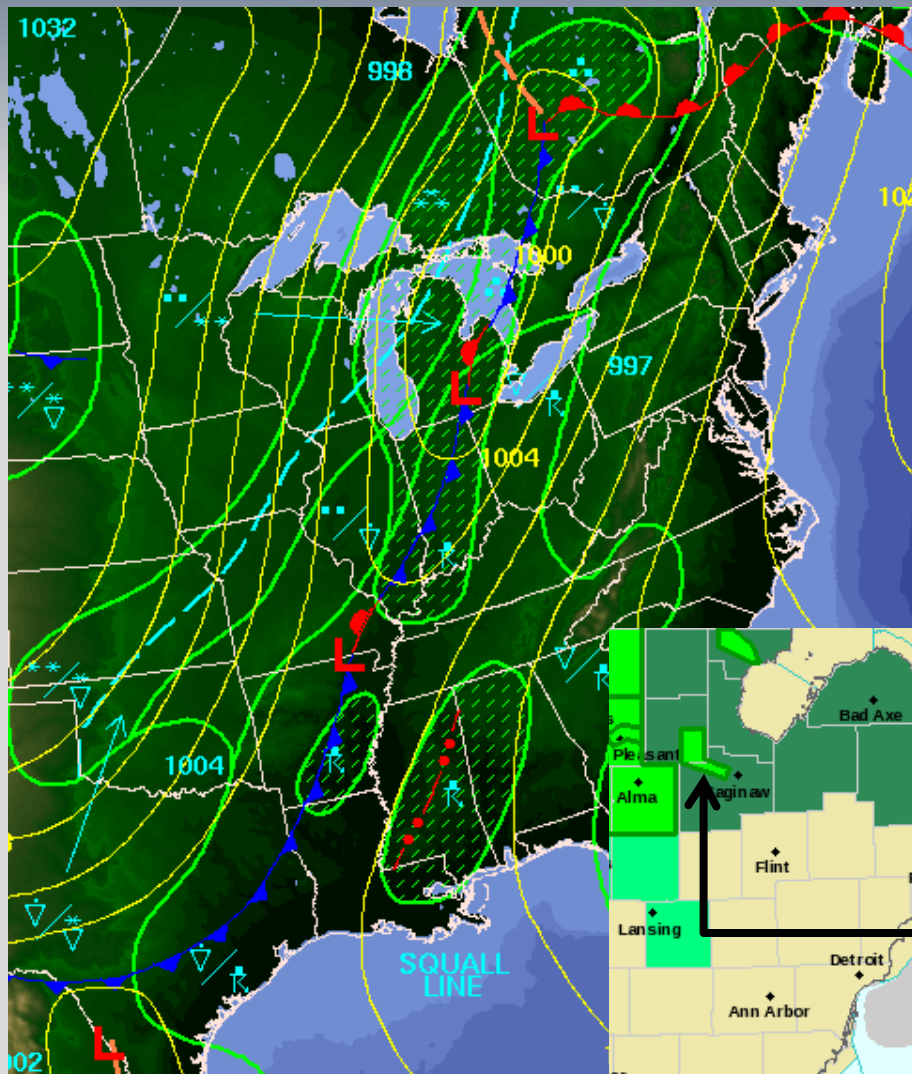


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# Decision Support Briefing Highlights



Forecast for Tonight

## Event Summary

- Periods of heavy rain tonight through Monday
- Main focus for heavy rain: Saginaw Valley and Northern Thumb
- Rainfall amounts of 1 to 2 inches, with locally up to 3 inches possible

### Flood Watch

Tonight through Monday Evening  
Saginaw Valley and Northern Thumb

### Flood Warning

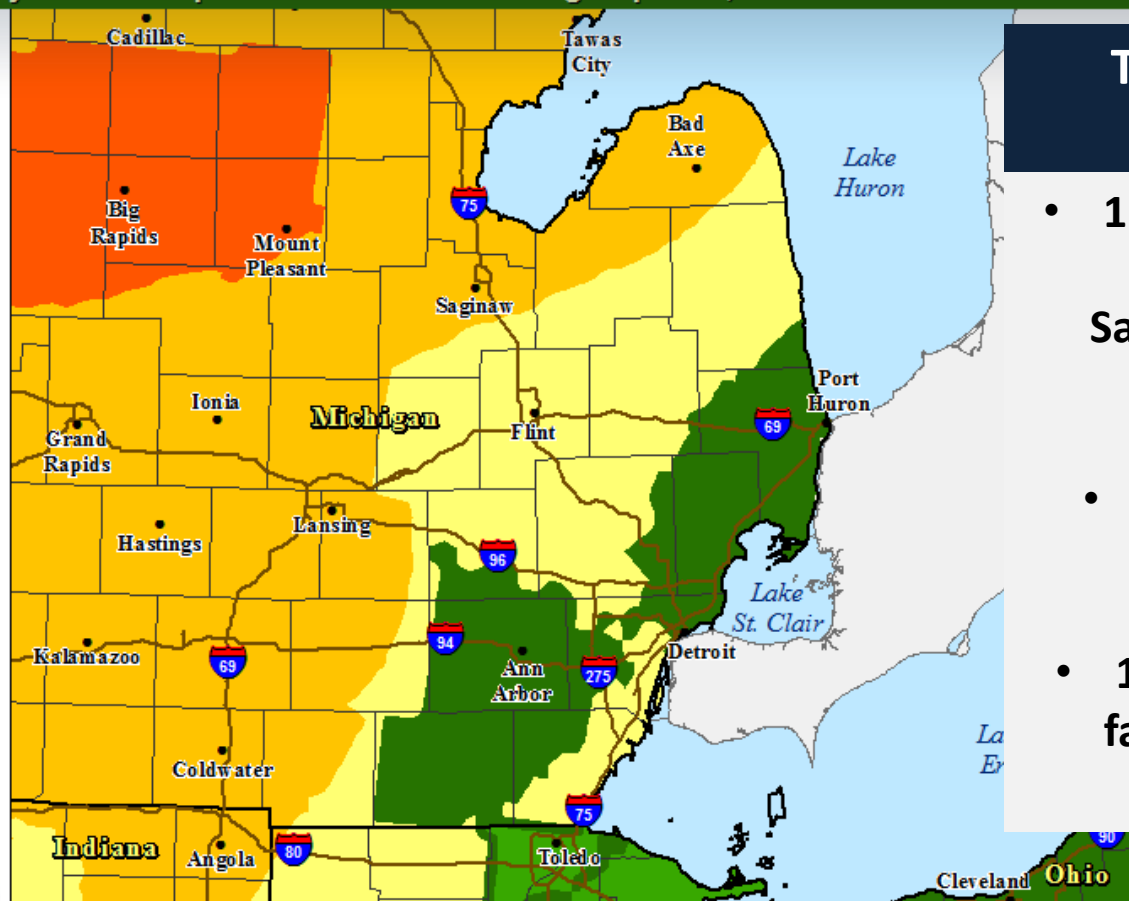
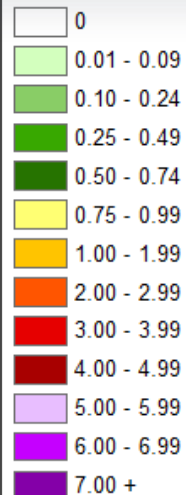
In effect until further notice  
Tittabawassee River at Midland



# Storm Total Rainfall

2-Day Total Precipitation Forecast - Through April 15, 2014 8:00 PM EDT

In Inches



## Total Rainfall through Monday Night

- 1 to 2 inches, locally up to 3 inches possible across Saginaw Valley and Northern Thumb
- Lesser Rainfall amounts South
- 1 to 2.5 inches has already fallen over the Flood Watch area Saturday night

Created by the  
NWS Forecast Office  
Detroit/Pontiac, MI

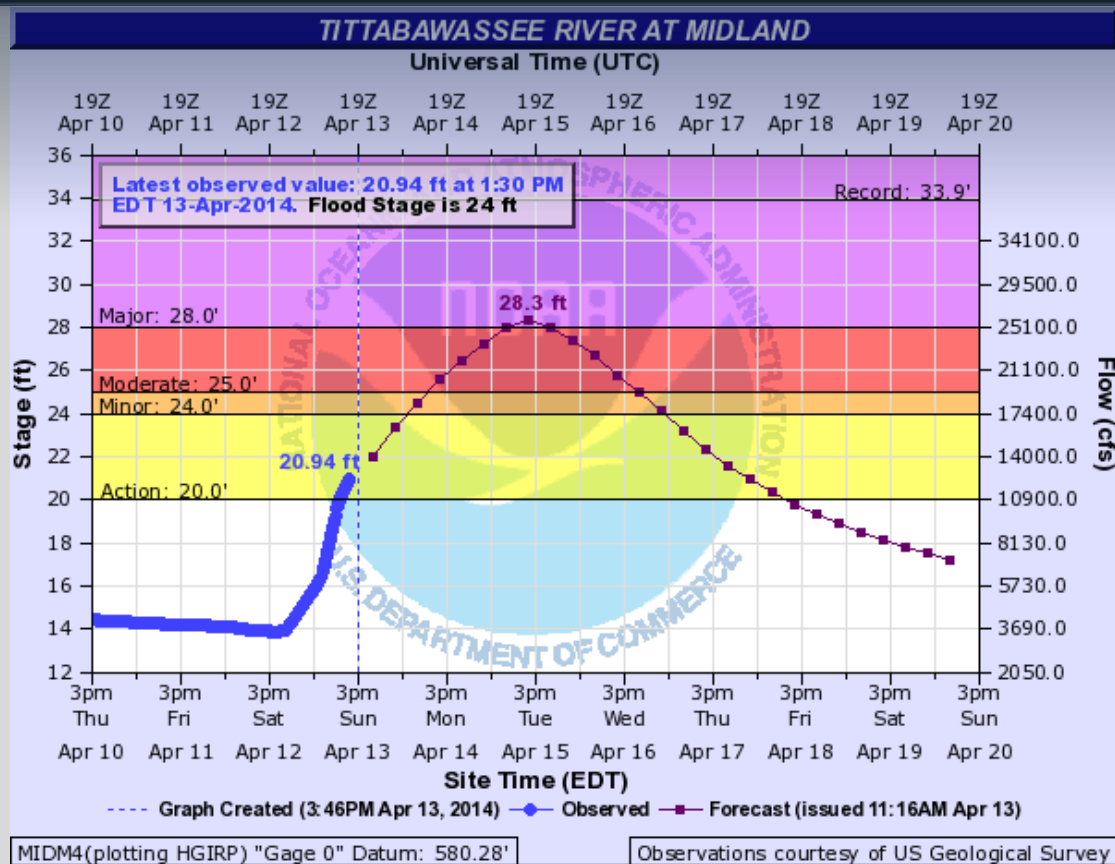


Source: NWS National Digital Forecast Database Created: 04/13/2014 1800 UTC



# River Response

## FLOOD WARNING



### *Tittabawassee River at Midland*

### Major Flood Stage Time

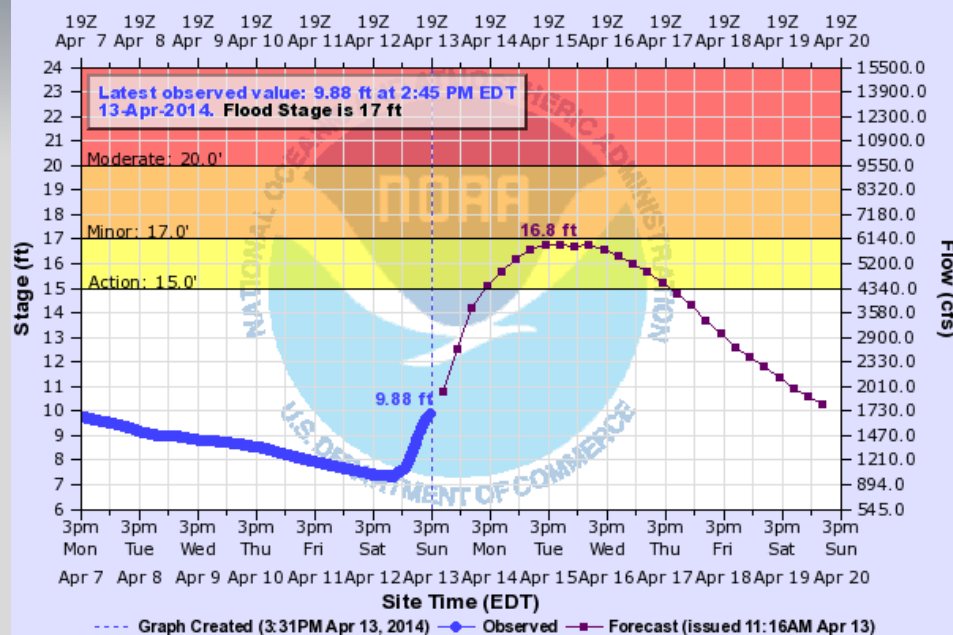
Tittabawassee River: Cresting Tuesday Afternoon



# River Response

## CASS RIVER AT FRANKENMUTH

Universal Time (UTC)



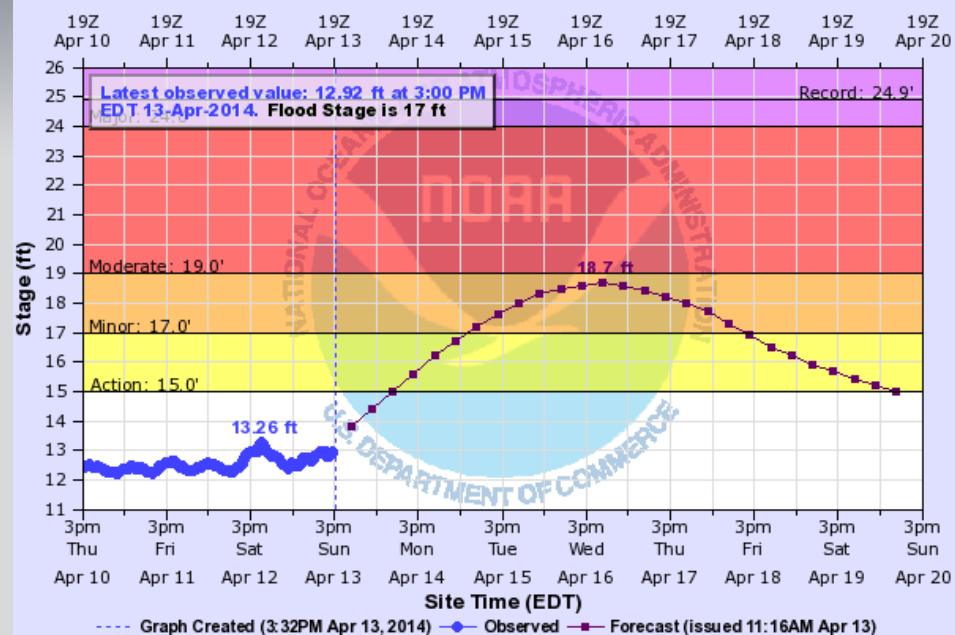
### Cass River at Frankenmuth

#### Action Flood Stage Time

Cass River: Monday Afternoon

## SAGINAW RIVER AT SAGINAW

Universal Time (UTC)



### Saginaw River at Saginaw

#### Minor Flood Stage Time

Saginaw River: 10 AM Tuesday

(Additional information can be found in the hydrologic outlook on the NWS Detroit/Pontiac homepage)

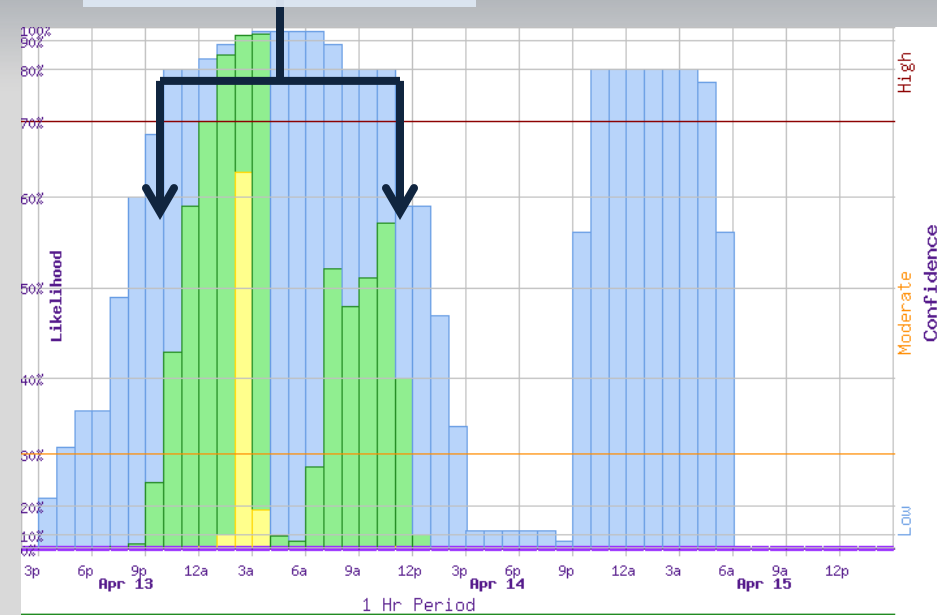
[www.weather.gov/detroit](http://www.weather.gov/detroit)





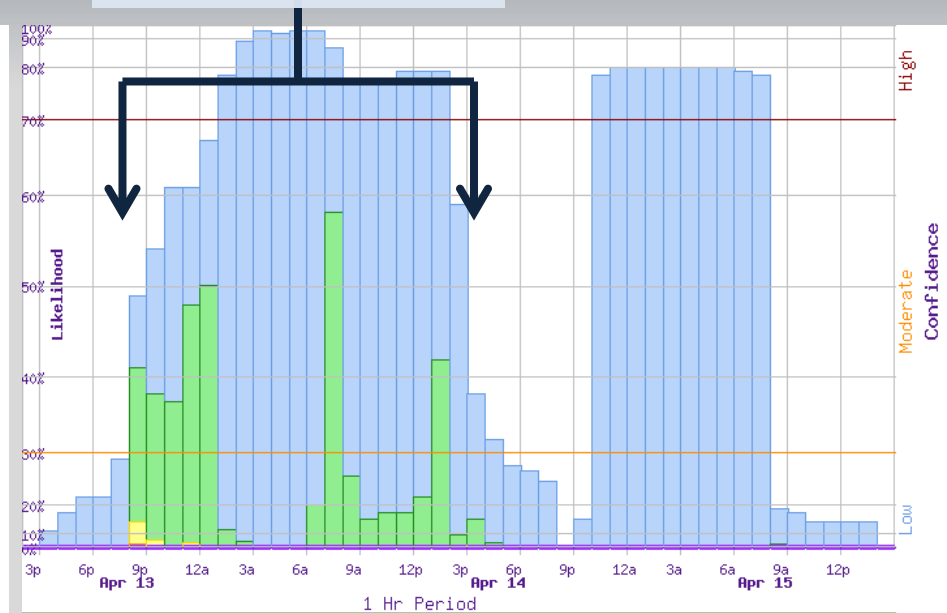
# Timing of Precipitation

Tonight and again Monday



Tri-Cities Area

Tonight and again Monday



Thumb Region



# Decision Support Briefing Summary



What	Where	When	Impacts
<b>Flood Warning</b>	Tittabawassee River	Now until further notice	<ul style="list-style-type: none"><li>Localized Flooding of Roadways</li><li>River Flooding</li></ul>
<b>Flood Watch</b>	Saginaw Valley and Northern Thumb	Tonight and Monday	

<b>Road Conditions</b>	<ul style="list-style-type: none"><li>Ponding of water</li><li>Low visibility in heavier rain</li><li>Potential for flooded roads and road closures</li></ul>
<b>Additional Potential Impacts</b>	<ul style="list-style-type: none"><li>River Flooding</li><li>Main area of impact: Midland, Bay, Saginaw, Huron, Tuscola, Sanilac counties</li><li>Hydrologic Outlook in place for the Cass River at Frankenmuth &amp; the Saginaw River at Saginaw</li></ul>



# Additional Information



## Local Hazards Page

<http://www.weather.gov/detroit/svr.php>

## Rainfall Probabilities

<http://www.crh.noaa.gov/dtx/ProbQPF.php>

## River Forecasts Page

<http://water.weather.gov/ahps2/index.php?wfo=dtx>



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